

Welcome to ENG 101! We’re excited to help you on your journey exploring interests, majors, and opportunities in the Grainger College of Engineering.

CLASS SCHEDULE, LOCATION, & INSTRUCTORS

ENG 101 meets twice a week for 50 minutes. The first meeting is an active lecture, where students will learn more about different engineering majors at UIUC. The second meeting is a smaller discussion section where students will explore their interests, motivations, and plans under the guidance of an upper-class engineering student, known as an Engineering Learning Assistant (ELA). Details about the Engineering Learning Assistant (ELA) who will lead your weekly discussions will be made available on the first day of your discussion section.

| Lecture | ENG 101 AL1 | Mondays | 3-3:50pm | 1306 Everitt |
|---------------------------|--------------------|---------------------------------------|-----------------|----------------------------------|
| Discussions | AD1 | Wednesdays | 2-2:50pm | 164 Noyes |
| | AD3 | Wednesdays | 1-1:50pm | 137 Loomis |
| | AD4 | Wednesdays | 3-3:50pm | 3018 ECE Building |
| | AD5 | Wednesdays | 3-3:50pm | 206 Transportation |
| Lecture | ENG 101 BL1 | Mondays | 4-4:50pm | 1306 Everitt |
| Discussions | BD1 | Wednesdays | 11-11:50am | 200 Talbot |
| | BD2 | Wednesdays | 4-4:50pm | 3017 Civil / Hydrosystems Lab |
| | BD3 | Wednesdays | 10-10:50am | 3017 Civil / Hydrosystems Lab |
| | BD4 | Wednesdays | 4-4:50pm | 301 Noyes |
| Lecture | ENG 101 SL1 | Tuesdays | 4-4:50pm | 3039 CIF |
| Discussion Sections | SD2 | Thursdays | 10-10:50am | 2036 CIF |
| | SD3 | Wednesdays | 3-3:50pm | 307 Civil / Hydrosystems Lab |
| | SD4 | Wednesdays | 2-2:50pm | 203 Transportation |
| | SD5 | Wednesdays | 4-4:50pm | 139 Loomis |
| | SD6 | Thursdays | 2-2:50pm | 106B6 Engineering Hall |
| | SD7 | Wednesdays | 2-2:50pm | 3017 Civil / Hydrosystems Lab |
| Course Coordinator | | Kimberly Powers powerska@illinois.edu | | |

Students should expect to attend **all lecture and discussion sessions** along with a few events outside of regular class time, including:

1. Engineering Experiences and Resource Fair – Tuesday, Sept. 19, 3-4:30pm, Grainger Library 4th floor
2. Three major exploration nights:
 - a. Sept 6 from 6-8:30pm @ 106B6 Engineering Hall: MatSE, ChBE, ABE, NPRE
 - b. Oct 5 from 6-8:30pm @ 106B3 Engineering Hall: BIOE/NE, MechSE, CEE, AERO
 - c. Oct 24 from 6-8:30pm @ 114 Talbot Lab: ISE, PHYS, ECE

All grading is associated with the discussion section that you are registered for; please attend only the discussion section for which you are officially registered.

COURSE OVERVIEW & GOALS

ENG 101 is a **graded, 1 credit hour** lecture & discussion course required for all Engineering Undeclared students in the Grainger College of Engineering. Through active listening, in-class activities, discussion, and reflection, students will explore major and other academic opportunities in the Grainger College of Engineering. Students who regularly attend lectures, contribute to class discussions, and complete required assignments, should achieve the 5 course goals to:

- Understand the breadth of majors and academic opportunities in Grainger
- Deepen their awareness of their personal, professional, and academic motivations and interests
- Develop an understanding of how their interests align with multiple academic paths and careers
- Identify and enact plans to continue exploring major, career, and other opportunities
- Improve their ability to set goals, make plans, respond to unexpected challenges, and make informed decisions

COURSE MATERIALS

All materials, including the course syllabus, links, lecture notes or presentations, and assignment details will be posted to Canvas. All students are expected to submit assignments on Canvas by the deadline.

WEEKLY CLASS SCHEDULE

Instructor reserves the right to modify course schedule as needed to achieve course goals

| WEEK | FORMAT | TOPIC |
|------|----------------|--|
| 1 | Lecture | The Value of Exploration |
| | Discussion | Community Building and Course Overview |
| 2 | Lecture | Welcome to Engineering Undeclared! |
| | Discussion | Interest Exploration Strategies |
| 3 | Major Night #1 | Major Night #1 – MatSE, ChBE, ABE, & NPRE |
| 4 | Lecture | Department overview: Materials Science & Engineering |

| | | |
|----|----------------|--|
| | Discussion | Motivation, Engagement, & Goal-setting |
| 5 | Lecture | Department overview: Chemical & Biomolecular Engineering |
| | Discussion | Priorities & Odyssey Plans |
| 6 | Lecture | Department overview: Agricultural & Biological Engineering |
| | Discussion | Major to Career Relationships |
| 7 | Lecture | Department overview: Nuclear, Plasma, & Radiological Engineering |
| | Major Night #2 | Major Night #2 – BIOE/NE, MechSE, CEE, AERO |
| 8 | Lecture | Department overview: Bioengineering & Neural Engineering |
| | Discussion | Career Exploration |
| 9 | Lecture | Department overview: Mechanical Science & Engineering |
| | Discussion | Learning from Failure |
| 10 | Lecture | Department overview: Civil & Environmental Engineering |
| | Major Night #3 | Major Night #3 – IE/SED, Physics, ECE |
| 11 | Lecture | Department overview: Aerospace Engineering |
| | Discussion | Support Networks |
| 12 | Lecture | Department overview: Industrial & Enterprise Systems Engineering |
| | Discussion | Optional – 1:1 Mentor Meeting |
| 13 | Lecture | Department overview: Physics |
| | Discussion | Decision-making |
| 14 | | NO CLASS – Fall Break |
| 15 | Lecture | Department overview: Electrical & Computer Engineering |
| | Discussion | Re-framing and moving forward |
| 16 | Lecture | Wrap-up: Next steps in Engineering Undeclared |
| | Discussion | Wrap-up and review |

ASSIGNMENT TIMELINE & GRADE DISTRIBUTION

All assignment details, including instructions and rubrics, are posted on Canvas and available after the class session that they’re introduced. All these assignments have been designed to help you explore your interests and motivations while also learning about engineering departments and opportunities firsthand. Students are expected to submit all work on Canvas by the deadline.

***Some assignments will vary between lectures AL1, BL1, and SL1. Students will provided details of these differences on the first day of class.*

| ASSIGNMENT | DEADLINE(s) | POINTS | % of GRADE |
|--|-------------------------------|--------------------------|-------------|
| Lecture Attendance | Every Lecture | 280 (20 x 14 classes) | 28% |
| <i>**Students who have more than 2 unexcused absences from ENG 101 lectures will automatically have their grade reduced by 10%</i> | | | |
| Discussion Attendance & Participation | Every Discussion | 220 (20 x 11 classes) | 22% |
| Regular Homework Assignments | <i>see full details below</i> | 500 | 50% |
| TOTAL POINTS | | 1000 | 100% |
| REGULAR HOMEWORK ASSIGNMENTS | | | |
| Assignment | Deadline | Points | |
| Initial Interest Survey (in lecture) | varies based on section | 15 | |
| My Story | varies based on section | 20 | |
| My Five Whys | varies based on section | 20 | |
| Major Night Reflection #1 | varies based on section | 40 | |
| Engineering Experiences & Resource Fair | varies based on section | 20 | |
| Odyssey Plans | varies based on section | 20 | |
| Lecture Reflection #1: MatSE, ChBE, ABE, NPRE | varies based on section | 35 | |
| Major Night Reflection #2 | varies based on section | 40 | |
| Career Explorations | varies based on section | 20 | |
| Failure Log | varies based on section | 20 | |
| Major Night Reflection #3 | varies based on section | 40 | |
| Lecture Reflection #2: BIOE/NE, MechSE, CEE, AERO | varies based on section | 35 | |
| Student Interview | varies based on section | 50 | |
| Lecture Reflection #3: ISE, Physics, ECE | varies based on section | 35 | |
| Updated Interest Survey (in lecture) | varies based on section | 15 | |
| Lecture Reflection #4 | varies based on section | 35 | |
| Interest Action Plan | varies based on section | 40 | |

LATE ASSIGNMENTS: Assignments submitted after the deadline will be reduced by 10% for each day that they are late, up to a maximum 50% reduction. A 10 point assignment submitted 2 days late can receive a maximum of 8 points. A 10 point assignment submitted 1 week late can receive a maximum of 5 points.

No assignments will be accepted for credit after Friday, December 15.

An additional note about late assignments: we recognize that missing a deadline is a stressful experience. Sometimes it's the result of a timing issue; sometimes it's the result of something more persistent – life circumstances, overall well-being – and the source of the trouble is not always obvious. Students in this situation may experience stress around the late assignment and ultimately not turn in anything. *We want to help you avoid this and the risk of not earning a good grade in this class.*

If you are going to miss a deadline, **please email us whatever you have before the deadline.** If we get something from you, no matter how incomplete, we'll waive the late penalty for the first 2 days. **Stay in contact with us until you finish.** We'll help you devise a plan to get back on track.

GRADING SCALE

| | | | | | | | | | | | | | |
|---|-----------|--|---|----------|--|---|----------|--|---|----------|--|---|-------|
| A | 90 – 100% | | B | 80 – 89% | | C | 70 – 79% | | D | 60 – 69% | | F | ≤ 59% |
|---|-----------|--|---|----------|--|---|----------|--|---|----------|--|---|-------|

ATTENDANCE & PARTICIPATION POLICIES

Attending and participating in class lectures and discussions is required. Students who miss more than 2 ENG 101 lectures will have their final grade reduced by 10%, regardless of their other grades. (In other words, students who miss more than 2 lectures cannot receive an A in ENG 101.) Students' final grades will also be negatively impacted if they miss class, arrive late, leave early, or do not actively participate in class discussions. Simply showing up for discussion sections does not guarantee that a student will receive full attendance and participation points.

- *Students unable to attend **lecture**:* contact Kimberly Powers (powerska@illinois.edu) for approval of the absence before class meets.
- *Students unable to attend **discussion**:* contact your ELA (main contact) for approval of the absence before class meets.

Absences are approved only in the following cases: a documented illness, a family emergency, required military service or athletic event, or observance of a religious holiday. When a student's absence is excused, they are responsible for reviewing all content covered during the class and completing required assignments in accordance with the regular deadline in order to earn credit.

Students who need to miss a class session for a religious observance should inform their ELA early in the semester to discuss accommodations and assignment timelines. Students may also need to work

with the Student Assistance Center to complete a "[Request for Accommodation for Religious Observances](#)" form.

EXPECTATIONS FOR CLASS DISCUSSION

To have an enlightening, productive discussion in a comfortable class environment, students are expected to follow these guidelines in class and in their groups:

- **Share responsibility for including all voices in the conversation** – if you find it easy to speak up, make sure you allow sufficient space to hear from others.
- **Listen respectfully** – don't interrupt, turn to technology, or engage in side conversations when others are talking.
- **Understand that your words can affect others** – speak with care; if you learn that something you've said was experienced as disrespectful, listen carefully and try to understand that perspective.
- **Be open to changing your perspective based on what you learn from others** – try to explore new ideas and possibilities.
- **Take work in pairs or small groups seriously** – remember that your peers' learning partly depends on your engagement.
- **Get to know your classmates** – introduce yourself to the students sitting near you and introduce yourself when you're in a new group.

These expectations align with The Grainger College of Engineering's commitment to the creation of an anti-racist, inclusive community that welcomes diversity along a number of dimensions, including, but not limited to, race, ethnicity and national origins, gender and gender identity, sexuality, disability status, class, age, or religious beliefs. The College recognizes that we are learning together in the midst of the Black Lives Matter movement, and that Black, Hispanic, and Indigenous voices and contributions have largely either been excluded from, or not recognized in, science and engineering, and that both overt racism and microaggressions threaten the well-being of our students and our university community.

The effectiveness of this course depends on each of us creating a safe and encouraging learning environment that allows for the open exchange of ideas while also ensuring equitable opportunities and respect for all. Everyone is expected to help establish and maintain an environment where students, staff, and faculty can contribute without fear of personal ridicule, or intolerant or offensive language. If you witness or experience racism, discrimination, microaggressions, or other offensive behavior, you are encouraged to bring this to the attention of the instructor if you feel comfortable. You can also report these behaviors to Campus Belonging Resources at <https://diversity.illinois.edu/diversity-campus-culture/belonging-resources/>. Based on your report, members of the Office of the Vice Chancellor for Diversity, Equity, & Inclusion will follow up.

TECHNOLOGY USE DURING CLASS

Use of interactive technology (Cell Phones, Tablets, Laptops, iPods) is allowed only when it is required for an in-class assignment *and* this requirement is explicitly stated by your instructor. At all other times,

personal electronic devices should be silenced and put away. ENG 101 requires you to be an active listener and participant in class lectures, discussions, and activities. This tech-free policy helps students be fully present in class and prevents students from unintentionally distracting their peers. Students who frequently use electronics during class time without approval from their instructor will receive reduced points for attendance and participation.

ACADEMIC INTEGRITY

Academic dishonesty may result in a failing grade. Every student is expected to review and abide by the Academic Integrity Policy: <https://studentcode.illinois.edu/article1/part4/1-401/>. Lack of awareness or knowledge is not an excuse for any academic dishonesty. It is your responsibility to read this policy to avoid any misunderstanding. Do not hesitate to ask the instructor(s) if you are ever in doubt about what constitutes plagiarism, cheating, or any other breach of academic integrity.

EDUCATIONAL SERVICES & RESOURCES

To ensure that disability-related concerns are properly addressed from the beginning, students with disabilities who require assistance to participate in this class should apply for services with DRES and contact the instructor as soon as possible. DRES provides students with academic accommodations, access, and support services. To contact DRES, you may call 217-333-1970, e-mail disability@illinois.edu, or visit the DRES website at <http://www.disability.illinois.edu/>.

MENTAL HEALTH & WELLNESS

Significant stress, mood changes, excessive worry, substance/alcohol misuse or interferences in eating or sleep can have an impact on academic performance, social development, and emotional wellbeing. The University of Illinois offers a variety of confidential services including individual and group counseling, crisis intervention, psychiatric services, and specialized screenings which are covered through the Student Health Fee. If you or someone you know experiences any of the above mental health concerns, we strongly encourage you to contact or visit any of the University's resources provided below. Getting help is a smart and courageous thing to do for yourself and for those who care about you.

- Counseling Center (217) 333-3704
- McKinley Health Center (217) 333-2700
- National Suicide Prevention Lifeline (800) 273-8255
- Rosecrance Crisis Line (217) 359-4141 (available 24/7, 365 days a year)

If you are in immediate danger, call 911.

REPORTING OBLIGATIONS FOR SEXUAL MISCONDUCT

The University of Illinois is committed to combating sexual misconduct. Faculty and staff members, including the instructor of this class, are required to report any disclosed instances of sexual misconduct to the University's Title IX and Disability Office. In turn, an individual with the Title IX and Disability Office will provide information about rights and options, including accommodations, support services, the campus

disciplinary process, and law enforcement options.

A list of the designated University employees who, as counselors, confidential advisors, and medical professionals, do not have this reporting responsibility and can maintain confidentiality, can be found here: wecare.illinois.edu/resources/students/#confidential

Other information about resources and reporting is available here: weccare.illinois.edu

CLASSROOM SAFETY

Emergency response recommendations and campus building floor plans can be found at the following website: <https://police.illinois.edu/em/run-hide-fight/>. We encourage you to review this website within the first 10 days of class.